

A METHOD AND SYSTEM FOR PROVIDING
PRIORITY TO A STATION IN A CONGESTED
HALF DUPLEX ETHERNET NETWORK

ABSTRACT OF THE DISCLOSURE

10 A method and system for providing priority to a station in a congested half duplex Ethernet network. Specifically, one embodiment of the present invention includes a method for providing priority to a peripheral component (e.g., half duplex Network Interface Card) in a congested network. The method includes the step of detecting a collision of a data packet during transmission of the data packet by a peripheral component coupled to a network. Furthermore, the method includes the step of determining a restricted back off time. It should be appreciated that the restricted back off time is substantially equal to or less than a restricted time value. Additionally, the method includes the step of causing the peripheral component to wait the restricted back off time before trying to retransmit the data packet over the network.

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